

**NORRIS, McLAUGHLIN & MARCUS**

A PROFESSIONAL CORPORATION

875 THIRD AVENUE  
18<sup>TH</sup> FLOOR  
New York, NY 10022  
(212) 808-0700  
Facsimile: (212) 808-0844

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**FACSIMILE COVER SHEET**

May 17, 2006

TO: Ms. Terry Dey  
United States Patent and Trademark Office

TELEFAX: Fax # 571-273-0100

RE: Application No.: 10/067,191  
Reissue

FROM: Kurt G. Briscoe

ATTORNEY DOCKET NO.: 100717-521 / Bayer 6708.4 Reissue

**MESSAGE:**

Attached herewith please find:

- Amendment After Allowance (2 pages)
- Reissue Declaration (12 pages)

We are transmitting **15** pages, including cover page. If the transmission is not complete, please call (212) 808-0700 and ask for Jennifer Archer at Ext. 8881.

This is the only form of delivery for this document:

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**FACSIMILE CERTIFICATE**

I hereby certify that this correspondence is being filed via facsimile to the designated fax number (571) 273-0100 to Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450 on the date indicated below.

Date: May 17, 2006

By Jennifer Archer  
Jennifer Archer

Attorney Docket No. 100717-521 / Bayer 6708.4 – Reissue

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT : Kozo SHIOKAWA et al  
SERIAL NO. : 10/067,191  
CUSTOMER NO. : 27384  
FILED : February 4, 2002  
FOR : HETEROCYCLIC COMPOUNDS  
ART UNIT : 1624  
EXAMINER : Richard L. Raymond

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AFTER ALLOWANCE  
SUBMISSION OF REISSUE DECLARATION**

SIR:

Please place of record the attached reissue declaration and enter the following:

**REMARKS**

The attached reissue declaration incorporates by reference all amendments “through April 12, 2006.” April 12, 2006, was the date of a telephone conference between the undersigned and Mr. Steve Marcus, wherein Mr. Marcus first explained to the undersigned the need for a reissue declaration that took into consideration the

USSN 10/067,191  
Amendment After Allowance

Page 1

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amendments made to the issue application subsequent to the date of execution of the previous reissue declaration. Accordingly, April 12, 2006, was selected as the date of mention in the current reissue declaration, and the reissue declaration, thus, takes into consideration all amendments through and including April 12, 2006.

Early reissuance of the patent is earnestly solicited.

Respectfully submitted,

NORRIS MCLAUGHLIN & MARCUS, P.A.

By 

Kurt G. Briscoe, Reg. No. 33,141  
Attorney for Applicant(s)  
875 Third Avenue - 18<sup>th</sup> Floor  
New York, New York 10022  
Phone: (212) 808-0700

**REISSUE APPLICATION COMBINATION DECLARATION &  
POWER OF ATTORNEY**

 ATTORNEY DOCKET No.:  
100717- 519 / Bayer 6708.4  
Reissue

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Page 2 of 3

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**POWER OF ATTORNEY:** As a named inventor, I hereby appoint

Practitioners Associated with the  
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as my/our attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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**DIRECT TELEPHONE CALLS TO:**

**Kurt G. Briscoe**

**(212) 808-0700**

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Docket No. 100717-521

Page 3 of 3

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## REISSUE APPLICATION DECLARATION AND POWER OF ATTORNEY

Docket No. 100717-521

Page 2 of 3

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- ☐ by reason of a defective specification or drawing.
- ☐ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☒ by reason of other errors as described below.

The present reissue application is filed to correct two errors: First, patent claim 9 is improperly dependent on patent claim 8. Patent claim 8 requires "a compound according to claim 1." Patent claim 1, in turn, limits such compound to those wherein "A represents an ethylene group which may be substituted by methyl." Patent claim 9 recites two tetrahydropyrimidine compounds and one tetrahydrothiazine compound, which would correspond to compounds of patent claim 1 wherein A represents a propylene group. Since patent claim 1 does not permit A to represent a propylene group, patent claim 9 is improperly dependent on patent claim 8.

Second, the USPTO has determined that patent claims contain multiple independent and distinct inventions, and has required restriction.

The present reissue application corrects these two errors as follows: The patent claims have been limited to tetrahydropyrimidine compounds by canceling original patent claims 1-8, and canceling from original patent claim 9 all non-tetrahydropyrimidine compound species.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon, or any patent to which this declaration is directed.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint

Practioners Associated with the  
Customer Number:

27384

as my/our attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from the Assignee of this application as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned.



-----▽-----▽-----▽-----▽-----▽-----▽-----  
**DIRECT TELEPHONE CALLS TO:**

**Kurt G. Briscoe**

**(212) 808-0700**

## REISSUE APPLICATION DECLARATION AND POWER OF ATTORNEY

Docket No. 100717-521

Page 3 of 3

FULL NAME OF SOLE OR FIRST INVENTOR <b>KOZO SHIOKAWA</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE 6-2-13 Chuo, Sagamihara-shi, Kanagawa, 229-0039, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS Same as above		

FULL NAME OF SECOND JOINT INVENTOR, IF ANY <b>SHINICHI TSUBOI</b>	INVENTOR'S SIGNATURE <i>Shin-ichi Tsuboi</i>	DATE 20 April '06
RESIDENCE 1-57-S 410, Wada, Suginami-ku, Tokyo, 166-0012, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS Same as above		

FULL NAME OF THIRD JOINT INVENTOR, IF ANY <b>SHINZO KAGABU</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE 1246-22, Nagara, Gifu-shi, Gifu, 502-0071, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS Same as above		

FULL NAME OF FOURTH JOINT INVENTOR, IF ANY <b>SHOKO SASAKI</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE 6-10-8-111, Minamidaira, Hino-shi, Tokyo, 191-0041, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS Same as above		

FULL NAME OF FIFTH JOINT INVENTOR, IF ANY <b>KOICHI MORIYA</b>	INVENTOR'S SIGNATURE <i>Koichi Moriya</i>	DATE 18 April 2006
RESIDENCE 3-15-8-701, Asakusabashi, Taito-ku, Tokyo, 111-0053-Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS Same as above		

FULL NAME OF SIXTH JOINT INVENTOR, IF ANY <b>YUMI HATORI</b>	INVENTOR'S SIGNATURE <i>Yumi Hatori</i>	DATE 170406
RESIDENCE 12397-4, Yuki, Yuki-shi, Ibaraki, 307-0001, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS Same as above		

FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		

FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		